

# TPHD-BYH

TPHD-BYH is a mini-size HDBaseT extender with ARC function for HDMI and bi-directional IR signals, which contains a transmitter TPHD-BYH-T and a receiver TPHD-BYH-R. It transmits 4K signal up to 131ft/40m, 1080P signal up to 230ft/70m over single Cat5e/Cat6 cable. The ARC function enables audio upstreaming from display to speakers. The extender set supports PoC function, which makes no need of power supply at the receiver end.



Input (TPHD-BYH-T)	1 x HDMI (female), 1 x IR IN (3.5mm jack)
Output (TPHD-BYH-T)	1 x TP (RJ45), 1 x IR Out (3.5mm jack) 1 x ARC Out (Coaxial)
Input (TPHD-BYH-R)	1 x TP (RJ45), 1 x IR IN (3.5mm jack)
Output (TPHD-BYH-R)	1 x HDMI (female), 1 x IR Out (3.5mm jack)
Transmission Mode	HDBaseT
Resolution	4Kx2K@30Hz (Max.)
Transmission Distance	Maximum distance 4K 131ft (40m) and 1080P 230ft(70m)
SNR	>70dB@100MHz-100M
Bandwidth	10.2Gbps
THD	<0.005%@1KHz
HDMI Standard	Supports HDMI 1.4 and HDCP 1.4
Impedance	75Ω
Temperature	0~ +50°C
Relative Humidity	10% ~ 90%
Power Supply	DC 12V, 1A
Dimension (W*H*D)	W115 X H16 X D84(mm)
Weight	140g/Set



- Supports 4Kx2K, 1080P 3D video signal transmission.
- Max transmission distance is 4K 131ft/40m and 1080P 230ft/70m over single CAT5e/CAT6 cable.
- High Bandwidth: 10.2Gbps.
- Compliant with HDMI & HDCP 1.4.
- Use HDBaseT technology for extended capability and reliability.
- Supports bi-directional PoE.
- Supports ARC.
- Bi-directional IR pass through.

